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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/692,039	10/22/2003	Minas Tanielian	BO1 - 0293US	6430

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EXAMINER

GREGORY, BERNARR E

ART UNIT	PAPER NUMBER
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3662

SHORTENED STATUTORY PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE
3 MONTHS	03/14/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

Office Action Summary

Application No.

10/692,039

Applicant(s)

TANIELIAN, MINAS

Examiner

Bernarr E. Gregory

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-84 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-84 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 21 October 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. ____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|--|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date ____ | 6) <input type="checkbox"/> Other: ____ |

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1. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

2. Claims 1-84 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Independent apparatus claim 1 is indefinite and unclear in that the preamble of the claim presents the claim as being directed to a "control system for a remote-controlled vehicle," but the body of claim 1 seems to describe a vehicle with on-board guidance. Nothing in claim 1 seems to describe any sort of remote-control structure. Since claim 1 contradicts itself, it is not at all clear what is being claimed—a remotely guided vehicle or a self-guided vehicle.

Independent apparatus claim 23 is indefinite and unclear in that the preamble of the claim presents the claim as being directed to a "control system for a remote-controlled vehicle," but the body of claim 23 seems to describe a vehicle with on-board guidance. Nothing in claim 23 seems to describe any sort of remote-control structure. Since claim 23 contradicts itself, it is not at all clear what is being claimed—a remotely guided vehicle or a self-guided vehicle.

Independent apparatus claim 45 is indefinite and unclear in that the preamble of the claim presents the claim as being directed to a "control system for a remote-controlled vehicle," but the body of claim 45 seems to describe a vehicle with on-board guidance. Nothing in claim 45 seems to describe any sort

of remote-control structure. Since claim 45 contradicts itself, it is not at all clear what is being claimed—a remotely guided vehicle or a self-guided vehicle.

Independent method claim 69 is indefinite and unclear in that the preamble of the claim presents the claim as being directed to a “method of operating a remote-controlled vehicle,” but the body of claim 69 seems to describe a method of operating a vehicle with on-board guidance. Nothing in claim 69 seems to describe any sort of remote-control structure method. Since claim 69 contradicts itself, it is not at all clear what is being claimed—a remotely guided vehicle method or a self-guided vehicle method.

Dependent claims 2-22, 24-44, 46-68, and 70-84 are unclear in that they depend from unclear independent claims 1, 23, 45, and 69.

3. Due to the lack of clarity of what is claimed in claims 1-84 as described in section 2 above, it is not possible to apply art at this time.

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

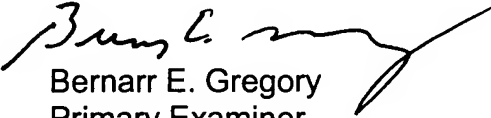
The examiner-cited prior art is of interest for showing apparatus and method in the prior art that are similar to Applicant's invention insofar as the indefinite and unclear claims may be understood.

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5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Bernarr E. Gregory whose telephone number is (571) 272-6972. The examiner can normally be reached on weekdays from 7:30 AM to 4:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Thomas H. Tarcza, can be reached on (571) 272-6979. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


Bernarr E. Gregory
Primary Examiner
Art Unit 3662